

Contract No. 78-B-1083

CITY OF SAINT PAUL

DEPARTMENT
OF

PUBLIC WORKS

**PLANS AND SPECIFICATIONS
FOR**

PRIVATE OVERHEAD BRIDGE No. 91604

over

SIBLEY STREET

between

SECOND ST. & KELLOGG BLVD.

by United States Postal Service

78-B-1083

SIBLEY ST. b/n. Second St. &

Kellogg Blvd.

Private Overhead Bridge

WHITE - CITY CLERK
 PINK - FINANCE
 CANARY - DEPARTMENT
 BLUE - MAYOR

CITY OF SAINT PAUL

Council File NO. 270801

Ordinance

Ordinance NO. 16408

Presented By [Signature]

Referred To _____ Committee: Date _____

Out of Committee By _____ Date _____

AN ORDINANCE GRANTING PERMISSION TO THE UNITED STATES POSTAL SERVICE TO CONSTRUCT, MAINTAIN AND OPERATE A BRIDGE ACROSS SIBLEY STREET BETWEEN THE INTERSECTION THEREWITH OF SECOND STREET AND EAST KELLOGG BOULEVARD, SAID BRIDGE TO BE EXTENDED BETWEEN THE UNITED STATES POSTAL SERVICE'S BUILDINGS ON EITHER SIDE OF SIBLEY STREET.

Orig.	cc:	Orig.	cc:
DJD		REG	
RLW		WAH	
GKS		JFK	
RGP		DEE	
JFS		CLT	
PLM		AJO	
TJE		VHP	
JJE		DEN	
P.S.D.		R.H.R.	

THE COUNCIL OF THE CITY OF SAINT PAUL DOES ORDAIN:

Section 1.

That permission and authority hereby are granted to the United States Postal Service to construct, maintain and operate a bridge across Sibley Street between the intersection therewith of Second Street and East Kellogg Boulevard, said bridge to be extended between the United States Postal Service's buildings on either side of Sibley Street.

Section 2.

That the Director of Public Works is hereby authorized to issue the necessary permits to the United States Postal Service for the construction, maintenance and operation of said bridge according to plans and specifications approved by and on file with the Department of Public Works upon said permittee's compliance with the following conditions:

a. That said permittee shall at its own cost and expense in accordance with all applicable ordinances of the City of Saint Paul, Statutes of the State of Minnesota, and regulations of public authority having cognizance, construct, maintain and operate said bridge hereunder;

b. That said permittee shall pay the cost for publication of this ordinance;

That said permittee shall also pay the cost of any professional fees and expenses incurred by the Traffic Bureau in furnishing, and the cost of any other services, such as other professional fees shall

COUNCILMEN

Yeas _____ Nays _____
 Butler _____
 Hozza _____ In Favor
 Hunt _____
 Levine _____
 Roedler _____ Against
 Sylvester _____
 Tedesco _____

Adopted by Council: _____ Date _____

Certified Passed by Council Secretary _____

By _____

Approved by Mayor: _____ Date _____

By _____

Requested by Department of: _____

By _____

Form Approved by City Attorney _____

By _____

Approved by Mayor for Submission to Council _____

By [Signature]

c. That said permittee shall pay the cost of administration, engineering and inspection incurred by the Department of Public Works because of this undertaking. Said costs are estimated at a sum of Six Hundred Dollars (\$600.00) and shall be accounted for under the Department of Public Works Project No. B-1083;

d. That said permittee shall furnish the Department of Public Works all documents of record that are part of the contract or incidental to its execution, including but not limited to, addendums, award of contract, sum of contract, "as-built" plans, tracings and tracings of shop plans;

e. That said permittee shall construct said bridge to the satisfaction of the Director of Public Works in accordance with the approved plans and specifications on file in the Department of Public Works. Such construction shall be made in strict compliance with the American Association of State Highway and Transportation Officials (AASHTO) Specifications, as amended;

f. That said permittee in lieu of providing bond and insurance expressly agrees to save harmless and indemnify the City of Saint Paul from all claims, loss, damage, action, causes of action, expense, and/or liability arising out of the construction, operation, maintenance and removal of said bridge and by the permission and authority granted herein;

g. That said permittee shall, among other things, at his own cost and expense make adequate and effective provisions therefore, and drain all moisture, rain and snow which shall accumulate thereon, by proper devices through said bridge in a manner so that the flowing and/or spilling of same on any part of said section of Sibley Street shall be prevented at all times;

h. That said permittee shall at all times construct and maintain all supports of said bridge entirely within the lines of the subject private real estate and entirely without public street rights-of-way;

i. That said permittee shall notify the Traffic Bureau of the Department of Public Works if the construction or maintenance of said bridge shall make necessary the closing of Sibley Street or any part thereof. All expenses incurred by the Traffic Bureau in furnishing, installing or removing barricades, signs or other control devices shall be paid by the permittee;

j. That said permittee shall not use any part of said bridge for any advertisement or display purposes without the written consent of the City of Saint Paul;

k. That said permittee shall in the construction, maintenance and operation of said bridge provide a minimum vertical clearance of at least seventeen (17) feet four (4) inches between and throughout the course of the bottom of said structure and the surface of said section of said Sibley Street except as altered by the City's future street work;

l. That said permittee expressly agrees to comply with Chapter 216 of the Saint Paul Legislative Code as amended pertaining to street obstructions;

AK
UMENT

CITY OF SAINT PAUL

Council File NO. 270101

Ordinance

Ordinance NO. 16408

Presented By _____

Referred To _____ Committee: _____ Date _____

Out of Committee By _____ Date _____

(3)

m. That said permittee shall complete the construction and erection of said bridge in accordance with these requirements within one year of commencement of construction. Said commencement shall be evidenced by Public Works receipt of a written notification thereof and shall be dated therein as further provided for under Paragraph n. below;

n. That said permittee shall notify the Bridge Engineer of the Department of Public Works before construction starts and when construction has been completed to allow for final inspection;

o. That said bridge shall be removed by and at the sole cost and expense of said permittee whenever the Council of the City of Saint Paul shall by resolution determine such removal necessary in the public interest, and accordingly order the removal of such structure from said location;

p. That said permittee shall submit proposed plans and specifications to the Department of Public Works for review and approval of any intended structural repairs or major maintenance work on the bridge before any such work may be carried out. Upon completion of such structural repairs approved by the Department of Public Works, permanent reproducible tracings shall be furnished the department showing the work done and marked with any "as-built" changes as well as reproducible shop drawings of the same;

q. That said permittee shall within a period of fifteen (15) days after publication of this ordinance file with the City Clerk its written acceptance of this ordinance and agreement to be bound by all the provisions, terms and conditions thereof without limitation, which written instrument of acceptance and agreement shall be in a form approved by the City Attorney.

Section 3.

That this ordinance shall take effect and be in force thirty (30) days from and after its passage, approval and publication.

COUNCILMEN

Yeas	Butler	5	In Favor
	Hozza		
	Hunt	0	Against
	Levine		
	Roedter		
	Sylvester		
	Tedesco		

Adopted by Council: _____ Date FEB 16 1978

Certified Passed by Council Secretary _____

By _____

Approved by Mayor: _____ Date FEB 17 1978

By _____

Requested by Department of:

Public Works

By Daniel J. Dunford
Daniel J. Dunford, Director (TJE/RAH)

Form Approved by City Attorney _____

By _____

Approved by Mayor for Submission to Council _____

By George J. ...

UNITED STATES POSTAL SERVICE

Field Real Estate and Buildings Office
P.O. Box 69069
St. Paul, MN 55169

March 14, 1978

Mr. Robert Horrisberger
City of St. Paul
Department of Public Works
234 City Hall
St. Paul, MN 55102

Subject: St. Paul Dock and Parking Facility
U. S. Postal Service

Dear Mr. Horrisberger:

As required in Section 2, Paragraph Q of the Ordinance granting permission to the U. S. Postal Service to construct a bridge over Sibley Street, enclosed is our acceptance letter dated March 10, 1978.

Sincerely yours,



ROBERT VOGEL
Field Supervisor
St. Paul Real Estate Field Office

Encl
Ltr

433:RV:JW:MK

ACCEPTANCE OF TERMS
AND CONDITIONS OF RESOLUTION
GRANTING PERMISSION TO PERFORM WORK
WITHIN THE PUBLIC RIGHT-OF-WAY
SAINT PAUL, MINNESOTA

To The Honorable City Council
Saint Paul, Minnesota 55102

Madam & Gentlemen:

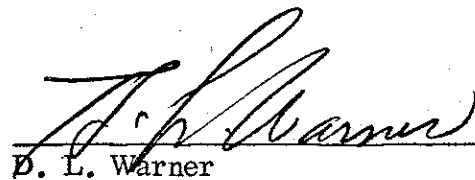
The undersigned petitioner does hereby accept and agree to
comply with the terms and conditions of Council File No. 270491 adopted by
the Council on February 17, 1978, Federal sovereignty excepted.

DATE:

UNITED STATES POSTAL SERVICE

March 10, 1978

By:



D. L. Warner

Director, Office of Real Estate
Real Estate & Buildings Department

**THE DEPARTMENT OF PUBLIC WORKS
OF THE
CITY OF ST. PAUL**

INTER-OFFICE COMMUNICATION

February 6, 1978

TO: Robert Horrisberger, Jr.

FROM: Roy Grieder

SUBJECT: Post Office Skyway Br. No. 91604
over Sibley St. - 2nd to Kellogg
Proj. B-1083

Per letter you received from David Stracken (Setter, Leach and Lindstrom, Inc.) dated January 27, 1978, it appears that requested changes in the plans for the referenced project have been made. I assume that they will send you corrected prints for your file, and if they do, would appreciate receiving one set also.

A handwritten signature in dark ink, appearing to be 'RST', is located in the lower right quadrant of the page.

REG/mp

612/338-8741
1011 Nicollet Mall
Minneapolis, Minnesota 55403

American Institute of Architects

National Society of
Professional Engineers

Setter, Leach & Lindstrom Inc.
Architects and Engineers

January 27, 1978

Mr. Robert A. Horrisberger, Jr.
Office Engineering Bureau
Department of Public Works
234 City Hall
Saint Paul, Minnesota 55102

Regarding: USPS Main Post Office Dock and Parking Facility
Saint Paul, Minnesota
1733.1

Dear Mr. Horrisberger:

We are writing in response to your letter dated January 4, 1978 requesting that six items of information be added to the plans for the Post Office Skyway Bridge.

Item #1 A copy of the survey locating the bridge in reference to Kellogg Boulevard has been sent to your office.

Item #2 The bridge number is now shown on the lower right hand corner on all future drawings.

Item #3 The minimum vertical clearance is located at the center of Sibley Street and is shown on sheet #13, "North Elevation."

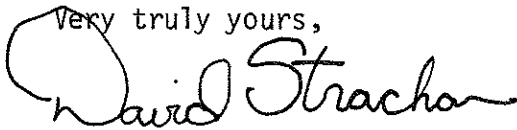
Item #4 The top of the enclosed bridge is horizontal and is now noted on the drawings.

Item #5 The information you requested for item #5 is given in the Structural Notes on drawing sheet #111 but we neglected to mail you a copy of this sheet. In these notes the bridge roof and floor live loads are 40 PSF and 100 PSF, respectively, and the bridge is also designed to resist a lateral wind load of 20 PSF. In addition to the 40 PSF uniform live load the roof framing is designed to support possible future suspended mail conveyor loads of 50 PSF over an 8 foot width straddling the centerline of the bridge. We will repeat these design live, wind and future conveyor loads on drawing sheet #104 below the roof and floor framing plans.

Mr. Horrisberger
January 27, 1978
Page -2-

Item #6 In reply to item #6 the spacing of metal floor deck corrugations and gage of material are covered in the specifications by naming three manufacturer's deck types approved for this bridge. The decking is of composite steel to take the tensile forces while the concrete takes the compressive forces. With simple spans from beam to beam no negative moments are created and reinforcing bars are not required over the supports. We have added a welded wire fabric reinforcing in the slab for control of cracking as recommended by the deck manufacturers and now shown on the framing plan on drawing sheet #104. We are enclosing copies of live load tables of each of the three manufacturers. You will note the allowable live load is substantially greater than the required 100 PSF, since the deck used is controlled more by its use as a form to support the wet concrete than by the live load supporting capabilities after the concrete has hardened.

Very truly yours,

A handwritten signature in cursive script that reads "David Strachan". The signature is written in black ink and is positioned above the typed name and title.

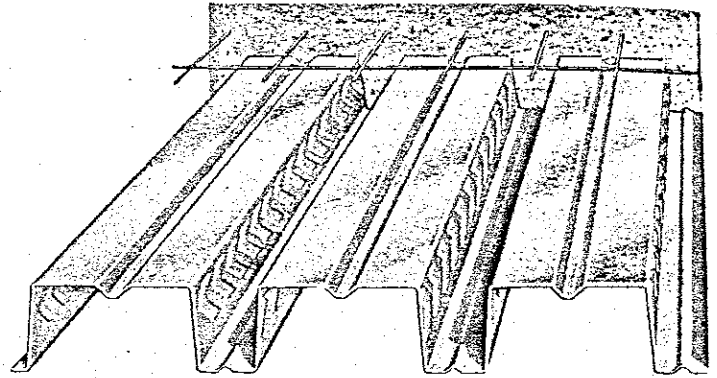
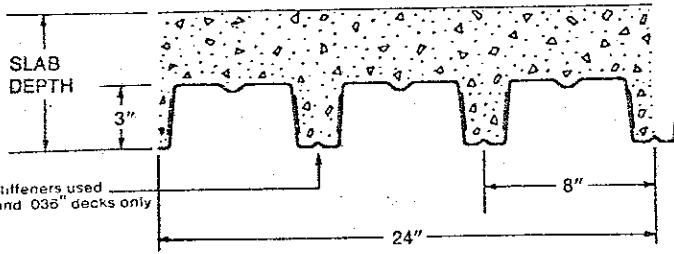
David Strachan
Project Manager

mlk

xc: Tom Blanchard
Al Gordon

3" -GRIP

Composite floor deck



SECTION PROPERTIES OF FORM/FT.

THICKNESS IN INCHES	WEIGHT PSF		I	S _p	S _n
	PTD.*	GALV.			
.030 (22 Ga.)	2.19	2.23	0.863	.458	.469
.036 (20 Ga.)	2.63	2.67	1.057	.561	.566
.048 (18 Ga.)	3.50	3.54	1.412	.753	.753
.060 (16 Ga.)	4.38	4.42	1.772	.942	.942

Uncoated steel thickness in inches (subject to max. mill tolerance of ± 5%)

*phosphatized on Conc. Side, Prime painted on exposed

GENERAL INFORMATION

SLAB THICKNESS	5½"	6"	6¼"	6½"	7"	7¼"	7½"
Vol. Conc. Yds./100 SF	1.04	1.19	1.27	1.34	1.50	1.58	1.65
Conc. Wt. PSF (Normal Wt.)	40	46	49	52	58	61	64
Conc. Wt. PSF (Light Wt.)	31	35	38	40	44	47	49
Recommended W. W. F. 6"x6"	#10/10	#8/8	#8/8	#6/6	#6/6	#6/6	#6/6

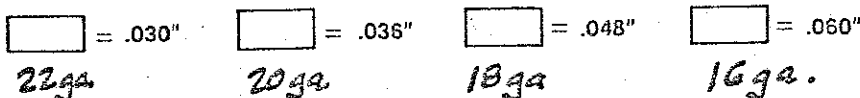
NORMAL WEIGHT CONCRETE allowable live loads—PSF

SLAB DEPTH	5½"			6"			6½"			7"			7½"		
	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1
9'-0"	210	210	210	240	240	240	260								
9'-6"	190	190	190	210	210	210	230			LIVE LOADS IN EXCESS OF 250 PSF					
10'-0"	170	170	170	190	220	220	210	240	240	230					
10'-6"	160	180	180	170	220	220	210	240	240	230					
11'-0"	140	190	190	180	210	210	200	230	230	240	240	240			
11'-6"	150	180	180	170	200	200	220	220	220	230	230	230	250	250	250
12'-0"	140	170	170	190	190	190	200	210	210	220	220	220	240	160	160
12'-6"	160	160	160	180	180	180	190	200	200	210	140	140	230	150	150
13'-0"	150	160	160	170	180	180	190	120	120	210	130	130	220	140	140
13'-6"	140	150	150	170	100	100	180	110	110	200	120	120	130	130	130
14'-0"	130	90	90	160	100	100	180	100	100	110	110	110	120	120	120
14'-6"	140	80	80	160	90	90	100	100	100	100	100	100	110	110	110
15'-0"	140	70	70	80	80	80	90	90	90	100	100	100	100	100	100

LIGHTWEIGHT CONCRETE allowable live load - PSF

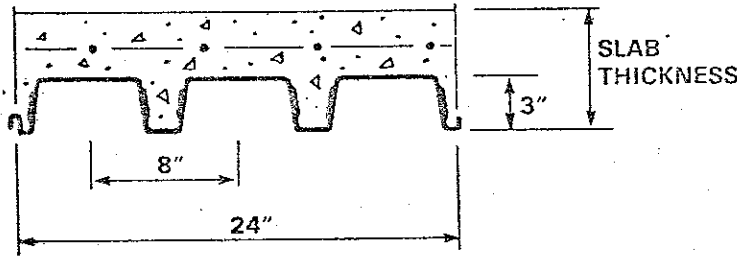
SLAB DEPTH	5½"			6"			6½"			6"			7½"		
	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1
9'-0"	210	210	210	240	240	240	250	250	250	260	260	260	290	290	290
9'-6"	190	190	190	210	210	210	220	220	220	230	230	230	260	260	260
10'-0"	170	170	170	190	190	190	200	200	200	210	210	210	230	260	260
10'-6"	160	160	160	170	200	200	180	210	210	190	210	210	210	240	240
11'-0"	140	170	170	160	180	180	160	190	190	170	230	230	210	250	250
11'-6"	130	150	150	140	200	200	170	210	210	180	220	220	200	240	240
12'-0"	120	170	170	150	190	190	160	200	200	160	200	200	230	230	230
12'-6"	130	160	160	140	180	180	180	180	190	190	190	190	210	220	220
13'-0"	120	150	150	170	170	170	170	180	180	170	190	190	180	210	210
13'-6"	140	140	140	150	170	170	160	180	180	180	180	180	170	200	200
14'-0"	130	150	150	140	160	160	150	170	170	150	100	100	190	110	110
14'-6"	120	140	140	130	160	160	160	90	90	170	100	100	180	100	100
15'-0"	110	140	140	150	80	80	150	90	90	160	90	90	160	100	100

SHORING NOT REQUIRED for spans shown above heavy black line; spans shown below heavy black line use .030" thickness shored at midspan.





3" N (24")



regular weight concrete
20 gage

steel deck properties

+S (in. ³)	-S (in. ³)	S _x (in. ³)	I _b (in. ⁴)	I _r (in. ⁴)	\bar{y} (in.)	A _s (in. ²)
0.480	0.557	0.507	0.809	1.066	1.828	0.758

Hi-Bond composite slab properties

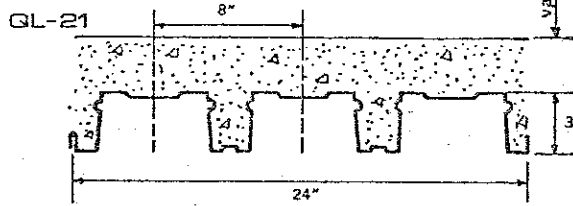
Slab Thickness (in.)	5.500			6.000			6.250			6.500			7.000			7.250		
DL (psf)	43.000			49.000			52.000			55.000			61.000			64.000		
V (lbs.)	900.000			1000.000			1050.000			1100.000			1200.000			1250.000		
Unshored																		
I (in. ⁴)	6.134			7.881			8.860			9.310			12.228			13.496		
S (in. ³)	1.554			1.825			1.967			2.111			2.408			2.560		
nS _t (in. ³)	35.563			42.156			45.702			49.404			57.252			61.388		
Shored																		
I (in. ⁴)	4.285			5.492			6.178			6.922			8.581			9.500		
S (in. ³)	1.308			1.540			1.664			1.791			2.057			2.194		
nS _t (in. ³)	52.042			60.909			65.775			70.908			81.937			87.812		
Deck Span Condition	S	D	T	S	D	T	S	D	T	S	D	T	S	D	T	S	D	T
7.00	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
7.50	240	240	240	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
8.00	225	225	225	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
8.50	200	211	211	222	235	235	232	247	247	241	250	250	250	250	250	250	250	250
9.00	169	193	193	184	217	217	191	229	229	197	240	240	228†	250	250	237†	250	250
9.50	141	167	167	179†	186	186	188†	195	195	197†	204	204	214†	219	219	223†	226	226
10.00	153†	144	144	169†	159	159	177†	166	166	185†	172	172	201†	201†	183	210†	210†	188
10.50	144†	124	124	159†	135	135	167†	140	140	175†	175†	145	190†	190†	190†	198†	198†	198†
11.00	135†	106	106	151†	151†	151†	158†	158†	158†	165†	165†	165†	180†	180†	180†	187†	187†	187†
11.50	120†	120†	120†	143†	143†	143†	150†	150†	150†	156†	156†	156†	170†	170†	170†	177†	177†	177†
12.00	108†	108†	108†	134†	134†	134†	142†	142†	142†	148†	148†	148†	161†	161†	161†	168†	168†	168†
12.50	96†	96†	96†	121†	121†	121†	134†	134†	134†	141†	141†	141†	153†	153†	153†	160†	160†	160†
13.00	87†	87†	87†	109†	109†	109†	122†	121†	121†	134†	134†	134†	146†	146†	146†	152†	152†	152†
13.50	78†	78†	78†	99†	99†	99†	110†	110†	110†	123†	123†	123†	139†	139†	139†	145†	145†	145†
14.00	70†	70†	70†	90†	90†	90†	101†	100†	100†	112†	112†	112†	133†	133†	133†	138†	138†	138†
14.50	63†	63†	63†	81†	81†	81†	92†	92†	92†	103†	103†	103†	127†	127†	127†	132†	132†	132†
15.00	57†	57†	57†	74†	74†	74†	84†	84†	84†	94†	94†	94†	117†	117†	117†	126†	126†	126†
15.50	51†	51†	51†	67†	67†	67†	76†	76†	76†	86†	86†	86†	108†	108†	108†	120†	120†	120†
16.00	46†	46†	46†	61†	61†	61†	70†	70†	70†	79†	79†	79†	100†	100†	100†	112†	111†	111†
16.50	41†	41†	41†	56†	56†	56†	64†	64†	64†	73†	73†	73†	93†	93†	93†	104†	104†	104†
17.00	37†	37†	37†	51†	51†	51†	59†	58†	58†	67†	67†	67†	87†	86†	86†	97†	97†	97†

† Indicates shore is required.



Q-LOCK LOAD TABLE

Total Superimposed Load Pounds Per Square Foot



Steel Unit Only

I_s	S_b	S_t
.855	.555	.500

N = 10

Concrete Weight = 145 P.C.F.

Concrete Strength = 3,000 P.S.I.

Total Slab Width = 12"

	Concrete Slab Thickness					
	2"	2½"	3"	3½"	3¾"	4"
Dead Load (P.S.F.)	37.4	43.4	49.5	52.5	55.5	61.6
V_R	878	973	1076	1130	1184	1291
I	3.741	4.970	6.430	7.249	8.128	10.067
S_{cc}	3.013	3.645	4.352	4.731	5.126	5.962
S_{bc}	1.273	1.538	1.820	1.967	2.117	2.425

SPAN FEET	Simple Span						Two Spans						Three or More Spans					
	Concrete Slab Thickness						Concrete Slab Thickness						Concrete Slab Thickness					
	2"	2½"	3"	3½"	3¾"	4"	2"	2½"	3"	3½"	3¾"	4"	2"	2½"	3"	3½"	3¾"	4"
8'-0"	220	243	269	282	296	323	220	243	269	282	296	323	220	243	269	282	296	323
8'-3"	212	236	261	274	287	313	212	236	261	274	287	313	212	236	261	274	287	313
8'-6"	198	229	253	266	279	304	198	229	253	266	279	304	198	229	253	266	279	304
8'-9"	184	223	246	258	271	295	184	223	246	258	271	295	184	223	246	258	271	295
9'-0"	172	210	239	251	259	270	172	210	239	251	263	287	172	210	239	251	263	287
9'-3"	161	196	221	228	234	239	161	196	233	244	256	239	161	196	233	244	256	279
9'-6"	151	184	201	206	214	232	151	184	219	238	214	232	151	184	219	238	249	272
9'-9"	141	171	182	198	207	225	141	172	206	198	207	225	141	172	206	223	261	265
10'-0"	132	156	184	193	201	218	132	162	184	193	201	218	132	162	193	210	227	218
10'-3"	124	143	179	187	195	212	124	152	179	187	195	212	124	152	182	197	195	212
10'-6"	117	150	174	182	190	206	117	150	174	182	190	206	117	143	171	182	190	206
10'-9"	110	141	169	177	185	200	110	141	169	177	185	200	110	134	169	177	185	200
11'-0"	105	133	164	172	180	195	105	133	164	172	180	195	103	126	164	172	180	195
11'-3"	98	126	157	167	175	190	98	126	157	167	175	190	97	126	157	167	175	190
11'-6"	93	119	149	163	170	185	93	119	149	163	170	185	91	119	149	163	170	185
11'-9"	87	112	141	157	166	180	87	112	141	157	166	180	87	112	141	157	166	180
12'-0"	82	106	134	149	162	175	82	106	134	149	162	175	82	106	134	149	162	175
12'-3"	77	100	127	142	158	171	77	100	127	142	158	171	77	100	127	142	158	171
12'-6"	73	95	121	135	150	167	73	95	121	135	150	167	73	95	121	135	150	167
12'-9"	69	90	115	129	143	163	69	90	115	129	143	163	69	90	115	129	143	163
13'-0"	65	85	109	123	137	159	65	85	109	123	137	159	65	85	109	123	137	159
13'-3"	61	81	104	117	130	155	61	81	104	117	130	155	61	81	104	117	130	155
13'-6"	57	76	99	111	124	152	57	76	99	111	124	152	57	76	99	111	124	152
13'-9"	54	72	94	106	119	147	54	72	94	106	119	147	54	72	94	106	119	147
14'-0"	51	68	89	101	114	141	51	68	89	101	114	141	51	68	89	101	114	141
14'-3"	48	65	85	96	109	135	48	65	85	96	109	135	48	65	85	96	109	135
14'-6"	45	61	81	92	104	129	45	61	81	92	104	129	45	61	81	92	104	129
14'-9"	42	58	77	88	99	124	42	58	77	88	99	124	42	58	77	88	99	124
15'-0"	40	55	73	84	95	119	40	55	73	84	95	119	40	55	73	84	95	119
15'-3"	37	52	70	80	91	115	37	52	70	80	91	115	37	52	70	80	91	115
15'-6"	35	49	67	76	87	110	35	49	67	76	87	110	35	49	67	76	87	110
15'-9"	33	47	63	73	83	106	33	47	63	73	83	106	33	47	63	73	83	106
16'-0"	31	44	60	70	80	102	31	44	60	70	80	102	31	44	60	70	80	102

Shaded area indicates shoring required

EXPLANATION OF ADMINISTRATIVE ORDERS,
RESOLUTIONS, AND ORDINANCES

Date: January 17, 1978

TO: MAYOR GEORGE LATIMER

FR: Public Works, Office Engineering

RE: Overhead bridge across Sibley St. between Second St. and Kellogg Blvd. connecting the United States Post Office Building and Postal Services proposed truck dock facility (formerly part of Union Depot).

UNIT	ACTION	INITIAL	DATE
Bureau	RAH (P) TJE (D)	RAH TJE	1/17/78 1/17/78
Division			
Asst. Dir.	(S)	RAH	1/18
Director			
Clerical		bjh	1-17-78

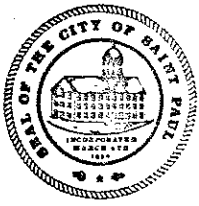
ACTION REQUESTED: Grant permission to the United States Postal Service to construct, operate and maintain an overhead bridge connecting their properties on either side of Sibley St. This will be a private bridge for transportation of mail to and from the new truck docks and the postal building

PURPOSE AND RATIONALE FOR THIS ACTION:

The Council has granted permits for other bridges, i.e. Whirlpool Corp. over Arcade St., C.F. No. 267057, Ord. No. 15999, adopted May 4, 1976 and various pedestrian bridges, C.F. No. 269927, Ord. No. 16362, adopted Nov. 3, 1977.

ATTACHMENTS: Ordinance

TJE/RAH/bjh



George Latimer
Mayor

UNIT	ACTION	INITIAL	DATE
Bureau	TJE (S)	E	1/17/78
Division	RAH (1)	RAH	1/19/78
Asst. Dir. (1)		MW	
Director			
Clerical		mkb	1/17/78

CITY OF SAINT PAUL
DEPARTMENT OF PUBLIC WORKS

234 City Hall, Saint Paul, Minnesota 55102

January 17, 1978

Mr. Robert Vogel, Field Supv.
St. Paul Real Estate Field Office
U.S. Postal Service
P.O. Box 69069
St. Paul, MN 55169

Re: Bridge over Sibley St.
between Second St. and
Kellogg Blvd.

Dear Mr. Vogel:

As per your request we examined paragraph 0, of the proposed ordinance, which could require that the bridge be removed, and would recommend that this provision be retained in the permit. The ordinance, including paragraph 0, is now being processed for submittal to the City Council.

Yours very truly,

Thomas J. Eggum
Office Engineer

TJE/RAH/mkb

UNITED STATES POSTAL SERVICE

Field Real Estate and Buildings Office
P.O. Box 69069
St. Paul, MN 55169

January 6, 1978

~~TSE~~

cc: R. Grieder

Mr. Richard Wheeler, Acting Director
Department of Public Works
City of St. Paul
234 City Hall
St. Paul, MN 55102

Subject: Postal Facility
St. Paul Dock and Parking

Dear Mr. Wheeler:

The proposed ordinance which would permit the United States Postal Service to construct a bridge over Sibley Street has been reviewed by the Postal Service.

The provision, Section 2, Paragraph 0, that could require the permittee to remove the bridge causes concern. It is requested that this provision be omitted from the ordinance when it is submitted to the St. Paul City Council.

Sincerely yours,



ROBERT VOGEL
Field Supervisor
St. Paul Real Estate Field Office

433:RVogel:JW:MK

IAN 6 1978



George Latimer
Mayor

UNIT	ACTION	INITIALS	DATE
Bureau	RAH(S) TJE(S)	AA E	1/4/78 1/5/78
Asst. Dir.			
Director			
Division		JH	1-4-78

cc Roy G.

CITY OF SAINT PAUL

DEPARTMENT OF PUBLIC WORKS

234 City Hall, Saint Paul, Minnesota 55102

January 4, 1978

Mr. David Strachan, Project Manager
Setter, Leach & Lindstrom, Inc.
Architects and Engineers
1011 Nicollet Mall
Minneapolis, MN 55403

Re: U.S. Postal Service Dock and
Parking Facility, Main Post
Office, St. Paul, Minnesota

Dear Mr. Strachan:

Roy Grieder, Bridge Engineer, has reviewed and approved your plans for the Post Office Skyway Bridge No. 91604 over Sibley St. between Second St. and Kellogg Blvd. However, for our record purposes we request the following information be added:

1. The location of the bridge in reference to either or both Second St. or Kellogg Blvd. If you have a survey or drawing of these, we would request a copy for our files.
2. The bridge number you received from the Minnesota Department of Transportation should be shown in the lower right hand corner of all future drawings.
3. Show street elevations on Sheet 13, "5 North Elevation" and minimum vertical clearance. Point of minimum clearance should be located.
4. Clarify that the top of roof will be a horizontal line rather than be parallel to the top of the truss.

Mr. David Strachan

-2-

January 4, 1978

5. Show design loads, allowable unit stresses and design specifications used on Sheet 104.
6. The concrete slab in metal decking is shown in the sections on Sheet 13, but is not detailed as to the reinforcing (if any), size or spacing of corrugations or gauge of materials, and a reference is made to "see structural". This information is not shown on the structural Sheet 104 either.

Yours very truly,

Robert A. Horrisberger, Jr.
Office Engineering Bureau

TJE/RAH/bjh

**THE DEPARTMENT OF PUBLIC WORKS
OF THE
CITY OF ST. PAUL**

INTER-OFFICE COMMUNICATION

December 19, 1977

TO: Robert Horrisberger
FROM: Roy Grieder
SUBJECT: Post Office Skyway Br. No. 91604
over Sibley St. - 2nd and Kellogg

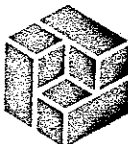
We have reviewed the plans for the subject bridge as submitted by Setter Leach and Lindstrom Inc., and they generally appear sufficient, so have approved them. For our record purposes, we suggest the following be added:

1. Locate the bridge in reference to either or both 2nd and Kellogg. This may already be shown on another drawing which we do not have, which is okay if you will have that information on file.
2. Show the bridge number which they received from MDOT. Suggest showing it in the lower right hand corner of all sheets concerning the bridge.
3. Show the street elevations on Sheet 13, "5 North Elevation" and minimum vertical clearance. Point of minimum clearance should be located.
4. Clarify that the top of roof will be a horizontal line rather than be parallel to the top of the truss .
5. Show design loads, allowable unit stresses and design specifications used on Sheet 104.
6. The concrete slab and metal decking is shown in the sections on Sheet 13, but are not detailed as to reinforcing (if any), size or spacing of corrugations or gage of materials, and a reference is made to "see Structural". This information is not shown on Structural Sheet 104 either.

One set of prints (Sheets 13, 104, 203, 204 and 302), copy of specifications and calculations are attached for your use.



Seller, Leach & Lindstrom Inc.
Architects and Engineers



COM. NO.: 1733.1
CLIENT: United States Postal Service
PROJECT: Dock & Parking Facility - Main Post Office - St. Paul, Minnesota
SUBJECT: Meeting regarding City Approval of Overhead Bridge at Sibley Street
MEMO BY: David Strachan
DATE: December 9, 1977

On Wednesday, December 7, 1977 Bob Vogel (United States Postal Service) and I met with Bob Horrisberger and Roy Grieder (City of St. Paul) regarding approval requirements for the construction of the bridge connecting the Main Post Office and the new dock facility included in this project. Two sets of specifications and two sets of drawings of the bridge were given to the City for their review and approval. The drawings and specifications were reviewed briefly and appeared to be quite acceptable to the City. The City of St. Paul has asked that our office provide the structural calculation for the bridge. These calculations were submitted to the City the following morning.

After the drawings were reviewed, the approval schedule was discussed. The schedule is as follows.

- Two weeks for the review of these drawings and preparation of document to be submitted to the City Council.
- The City Council of St. Paul meets twice a week. Therefore, there will be no difficulty in getting approval within 30 days from the time the ordinance is submitted by the United States Postal Service.
- A 30 day waiting period is typically required after City Council approval. This may be waived in order to facilitate early construction of the project.

This information was passed on to Tom Blanchard (United States Postal Service) the same day. It appears that there will be no conflict with the schedule now established for the bidding and construction of this project.

It was noted that a street use permit will be required by the contractor for the construction of this bridge. This permit will have to be included in our specifications. It will be the contractor's responsibility for securing and paying for this permit. If you have any questions regarding this, please call.

Sincerely,

David Strachan

David Strachan
Project Manager

mlk

xc: Bob Vogel
Tom Blanchard
Bob Horrisberger ✓

Letter of Transmittal

612/338-8741
1011 Nicollet Mall
Minneapolis, Minnesota 55403

American Institute of Architects

National Society of
Professional Engineers

Setter, Leach & Lindstrom Inc.
Architects and Engineers



DATE: December 7, 1977

TO: City of St. Paul
Department of Public Work

ATTN: Bob Horrisberger

RE: PROJECT: Main Post Office Dock & Parking Facility
St. Paul, Minnesota

COM. NO.: 1733.1

GENTLEMEN:

WE ARE SENDING YOU

SHOP DRAWINGS

COPY OF LETTER

ATTACHED

PRINTS

CHANGE ORDER

UNDER SEPARATE COVER VIA Delivery THE FOLLOWING

PLANS

SAMPLES

SPECIFICATIONS

COPIES	NO.	DATE	DESCRIPTION
2	13, 104, 203, 204, 302	12/7/77	Bridge Drawings
2		12/7/77	Specification
2			Structural Bridge Calculations

THESE ARE TRANSMITTED

FOR APPROVAL

FOR YOUR USE

AS REQUESTED

FOR REVIEW AND COMMENT

APPROVED

APPROVED AS NOTED

REVISE & RESUBMIT _____ COPIES FOR APPROVAL

RETURNED FOR CORRECTIONS

NOT APPROVED

REMARKS: These drawings were given to the Bridge Department at our meeting of 12/7/77.

COPY TO: Tom Blanchard - USPS (transmittal
only)
File

SIGNED David Strachan



George Latimer
Mayor

CITY OF SAINT PAUL

DEPARTMENT OF PUBLIC WORKS

Daniel J. Dunford, Director

234 City Hall, Saint Paul, Minnesota 55102

612-298-4241

UNIT	ACTION	INITIAL	DATE
Bureau	TJE (A)	EG	11/1/77
Division	RAH (S)	RAH	11/1/77
Asst. Dir.	(A)	ME	11/1
Director			
Clerical		Jm	11/1/77

November 1, 1977

Mr. Robert Vogel, Contracting Office
United States Postal Service
Field Real Estate and Building's Office
P.O. Box 69069
St. Paul, MN 55169

Re: Bridge over Sibley St.
between Second St. and
E. Kellogg Blvd.

Dear Mr. Vogel:

Attached for your review is a draft of a proposed ordinance which would permit the U.S.P.S. to construct a bridge over Sibley St. Please forward your comments or approval of this ordinance to me. Upon receipt of your approval, the ordinance will be submitted to the St. Paul City Council for their action.

If you have any questions, please feel free to call me at 298-4265.

Yours very truly,

Robert A. Horrisberger, Jr.
Office Engineering Bureau

TJE/RAH/jm
Attachment

DEPARTMENT OF PUBLIC WORKS
City of St. Paul, Minnesota

REQUEST FOR FUND ALLOCATION OR PROJECT NUMBER

Date September 22 19 77

IDENTIFICATION

Eng. No. B-1083 L-No. _____ MSA No. _____ Bond No. _____

Project Location: _____ Project Segments: (see attached maps)
SIBLEY ST. - Second St. - E. Kellogg Blvd.

Project Description: <u>ORD/PMT</u>	Project Type:
--	---------------

Remarks: Private overhead bridge for Post Office's Use Only

COST

Item	Amount
Const.	
Eng. _____%	400 00
Insp. _____%	400 00
Total	800 00

FINANCING

Item	Amount
Assessment	
Bonds	
PIA (19__)	
MSA (19__)	
CA (19__)	
United States Postal Service	800 00
Field Real Estate & Building Office P.O. Box 69069 St. Paul, MN 55169	
Total	800 00

ACTION REQUESTED

Assign Number XXX Contract Work Program Year 1978

Allocate Funds City Forces

Bureau Head Thomas J. Eggen Designer Robert A. Hunsbeger

APPROVAL

By J. Eichinger

Date 9-26- 19 77

ROUTING

Original
Applicant <input checked="" type="checkbox"/>
Off. Eng.
Acct. Bridge
Bob Schmidt
Clerk

9/27/77

Setter, Leach & Lindstrom Inc.
Architects and Engineers



COM. NO.: 1733.1
CLIENT: United States Postal Service
PROJECT: Main Post Office, Dock & Parking Facility
SUBJECT: Meeting with City Officials
MEMO BY: Ronald W. Auerbach
DATE: August 10, 1977

On August 9, 1977 a meeting was held in the Department of Public Works at the St. Paul City Hall. In attendance were Messrs. Bob Horrisberger and Roy Grieder of the Engineering Department and Messrs. David Strachan and Ron Auerbach of Setter, Leach & Lindstrom, Inc. The meeting was held to review the city's imposed restrictions on the design of overhead bridges occurring in this Metropolitan Area. The following notations were made:

1. It was reported by Mr. Grieder that the clearance beneath any skyways or bridges spanning over city streets that carry pedestrians must be 17'-4" and clearance beneath vehicular bridge must be 16'-4". Because pedestrian bridges usually are constructed with less structural mass and stability than vehicular bridges, the additional 1' clearance is, therefore, required for pedestrian bridges.
2. Considering this bridge is for the Postal Service, there will be no restrictions placed on it in terms of visual or aesthetic design. However, it was recommended that we submit drawings of our design to the City Architect's office for their review as a matter of protocol.
3. In discussing the clearances necessary beneath this particular bridge, Mr. Strachan indicated that the existing Union Depot concourse has clearance over Sibley Street of possibly less than 14' and yet the City would require 17'-4" for this new bridge only a short distance to the north. Mr. Grieder indicated that there will still be vehicular traffic from Second Street moving up Sibley which would pass beneath the new pedestrian bridge but not beneath the Union Depot concourse. Also, there is a potential that the Union Depot concourse may in future years be demolished.
4. An ordinance allowing permission to install private facilities within a public right-of-way must be obtained through the City Council. Mr. Horrisberger provided written instructions for obtaining this permission.

See other side.....

UNIT	ACTION	INITIAL	DATE	CITY OF SAINT PAUL
Bureau	TJE	(J) E	3/15/77	DEPARTMENT OF PUBLIC WORKS DANIEL J. DUNFORD DIRECTOR
Division	RAH	(S) DTI	2/15/77	
Asst. Dir.		(D) MW	3/16	
Director				
Clerical			3/15/77	

March 15, 1977

Setter, Leach & Lindstrom, Inc.
1011 Nicollet Mall
Minneapolis, MN 55403

Attention: Peter Rand #338-8741

Dear Mr. Rand:

Enclosed for your information is a copy of the "Instructions for Requesting Permission to Install Private Facilities Within the Public Right-of-Way" and a copy of a recently adopted Ordinance granting permission for a specific conveyor bridge in St. Paul. As I had indicated, the Ordinance/Permit procedure takes approximately 90 days to complete and a complete set of design drawings and calculations would be required for review.

If you have any questions concerning this process, please call me at 298-4265.

Yours very truly,

Robert A. Horrisberger, Jr.
Office Engineering Bureau

TJE/RAH/jm
Enclosure

UNIT	ACTION	INITIAL	DATE
Bureau	TJE	(J)	8/4/76
Division	RAH	(S)	8/1/76
Asst. Dir.		(A)	8/5/76
Director			
Clerical			8/4/76

CITY OF SAINT PAUL

DEPARTMENT OF PUBLIC WORKS

DANIEL J. DUNFORD
DIRECTOR

August 4, 1976

Mr. George S. Forbes
Real Estate Manager
Area Real Estate and Buildings Office
Post Office Box 69069
St. Paul, MN 55169

Re: Proposed Overhead Bridges
across Second St. and Sibley St.

Dear Mr. Forbes:

Enclosed for your information is a copy of the "Instructions for Requesting Permission to Install Private Facilities Within Public Right-of-Way." This should answer most of your questions concerning proper procedure.

Please note that this Ordinance/Permit Procedure takes at least 90 days to complete and that a complete set of design drawings and computations would be required for review. If you have any questions concerning this process, please call me at 298-4265.

Yours very truly,

Robert A. Horrisberger, Jr.
Office Engineering Bureau

TJE/RAH/jm
Enclosure

